IVG-80X40PS-S
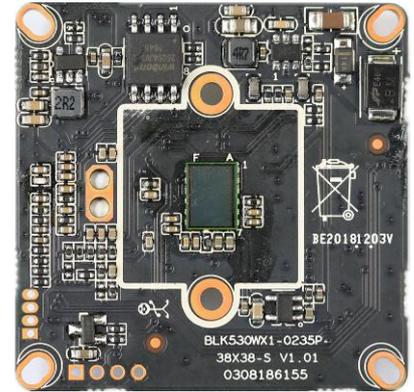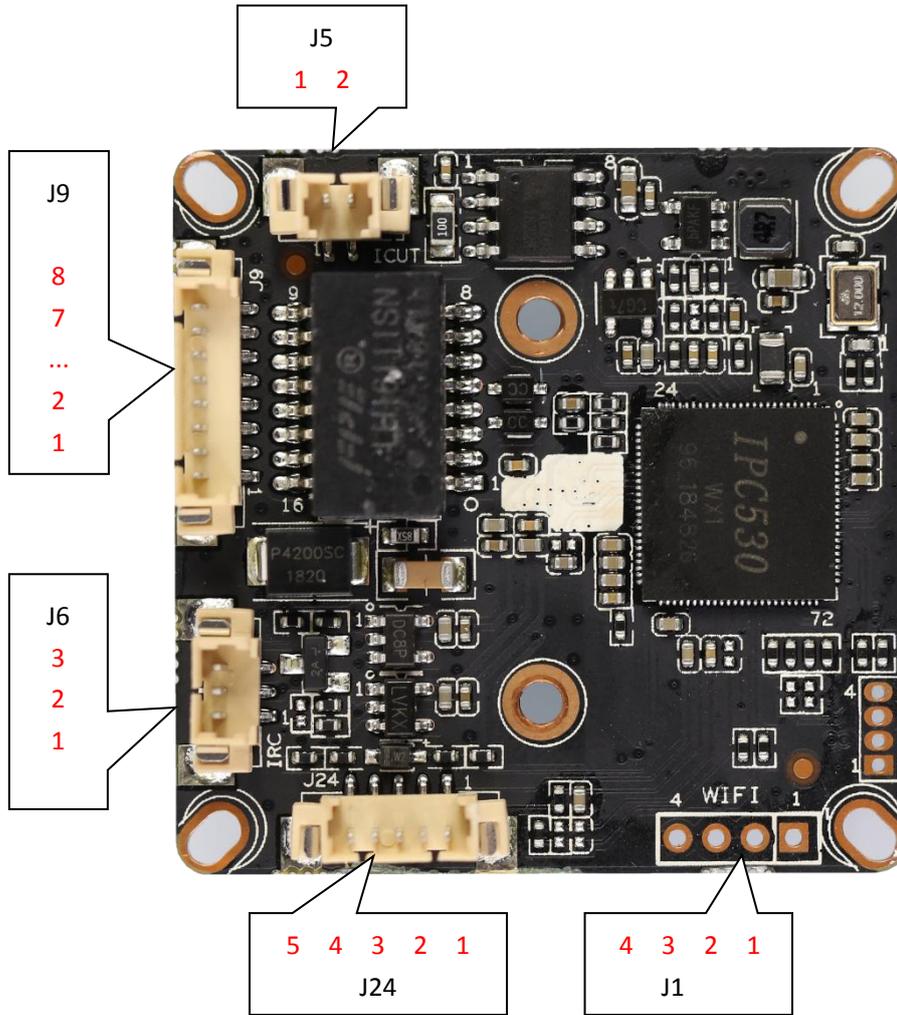### 4.0MP H.265 IP Camera Module

Features:

➢ 4.0MP HD resolution,clear and fine images;

➢ Support 2D/3D noise reduction,digital wide dynamic;

➢ Advanced H.265AI/H.265+ (Compatible with H.265/H.264) video compression,Super low rate,high definition quality of image;

➢ Professional anti-lightning,conform to GB/T17626.5 and IEC61000-4-5。

➢ Support ONVIF;access third party;

➢ Support various mobile monitoring(iPhone,Android);

➢ Provide web、CMS、center platform management software MYEYE,provide SDK development

➢ Support cloud technology,easy to achieve network penetration,fro in-line and alarm information pushed

Parameters：

Model	IVG-80X40PS-S
System structure	Embedded RTOS,dual-core 32bit DSP(XM530AI),pure hard compression ,watch dog
Sensor	1/2.7" SC5239 CMOS sensor ,color 0.1Lux@F1.2,black/white 0.01Lux@F1.2
Video compression	H.265AI/H.265+ (Compatible with H.265/H.264),support dual stream,AVI;0.1M~10Mpbs variable;1~30f/s variable
Image output	Main stream: 2560*1440@15fps (Only H.265X encoding is supported)；2048*1440@25fps; sub-stream: 704*576@25fps;
Shutter	1/50(1/60)s to 1/10,000s
Lens	N/A
Day and night	Support IR-CUT,IR-CUT coil has an internal resistance of 20 ohms, the power-on time is less than 200ma, and the voltage is 3.5V-6V
Noise reduction	Support 2D/3D
Wide dynamic	Support digital
Auto iris	N/A
Audio compression	G.711,support bidirectional talk,audio&video synchronization
Audio interface	1ch input,level:2Vp-p,impedance:1kΩ,support sound pick-up input;1ch output,impedance:16Ω,30mw,support microphone
Network interface	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTPDHCP/NTP/UPnP etc
Extension interface	Extensions: USB WIFI
Singal interface	One photo resistance interface,one IR-CUT interface ,support photo resistance signal and IR-CUT links to IR
PTZ	N/A
Motor interface	N/A
Alarm I/O	1/0 (support alarm input and video link to background)
WIFI interface	N/A
Reset interface	N/A
SD Card	N/A
Reliability	Comprehensive lightning protection, 7 * 24 hours 65 ℃ high temperature stable and reliable testing
Intelligence analysis	N/A
Other function	Support WEB,OSD,live video transmission,motion detect and IO alarm,front-end storage/playback/download, and center reminder and image linkage,support JPEG capture；united remote client monitoring sofaware、MYEYE;perfect SDK;
ONVIF	Support
Mobile monitoring	Support multiple mobile monitoring（iOS，Android）
Power	DC12V/2A input, power consumption:≤3W,
Dimension	38mm*38mm
Other	Support POE power supply, not support any custom,The drive voltage of the light board is at 3.3V

BLK530WX1-0307D-38X38-S-V1_01   Interface Description

Socket	Specific No	Interface Description	Function	
J9	1	LED0	LED/PHY_AD0	Connect the tail line of the camera module
	2	LED1	LED/PHY_AD1	
	3	ETHTX+	Ethernet signal+	
	4	ETHTX-	Ethernet signal-	
	5	ETHRX+	Ethernet signal+	
	6	ETHRX-	Ethernet signal-	
	7	GND	GND	
	8	12V	12V DC input	
J5	1	IR-CUTA	BOUT	IR_CUT
	2	IR-CUTA	AOUT	
J6	1	IR-IN	Infrared input	Connect the camera lamp board
	2	GND	GND	
	3	PWM-OUT	+3.3V	

J24	1	AC_OUT	AC_OUT	audio
	2	AC_IN	AC_IN	
	3	GND	GND	
	4	ALARM-IN	ALARM_GPIO	
	5	ALARM-OUT	ALARM_GPIO（Reserve）	
J1	1	3.3V	WIFI Module power supply	Connect the USB WIFI Module
	2	USB_DN	USB	
	3	USB_DP	USB	
	4	GND	GND	